BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : **Estimate for 14th Finance Commission Works Solid Waste Management in Ward No. 11, (Kuvempunagara) Vidyaranyapura Sub Division.**

					Estimated Cost Rs:			1500000.00
Sl No	Description of work	No	Dimensions		Qty	Rate	Unit	Amount
			L	B				
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)
1	Supplying and fixing CC TV Camera consisting the following configuration 1.5/M.P/1/1" CMOS 25(P) 30(N)fps @ 1260x720 colour 0.05 lux @ F-14 B/W0.005 lux @ F-14 True Day and Night 23X Optical zoom IR, Distance 100m IP/66 DC 12V, 18W max including cost of all materials and fixing charges with necessary wiring etc, complete (Q.A.R)							
					12.00	65000.00	nos	780000.00
2	Supplying and fixing DS 7200 series Turbo HD DVR consisting the following configuration H 264 Video compression, high definition real time recording support turbo HD Video input easy smart search for motion event during play back HDM and VGA Output at 1920 x 1080 live view from smart device or internet Two way audio and Multi channel synchonorous play back including cost of DVR, Hard disk (2.0 TB) and fixing charges along with necessary electrification charges (cost of electric materials and wiring charges) (Q.A.R)							
					12.00	18000.00	nos	216000.00
3	Fabricating, supplying and erecting swaged tubular pole of hight... Mtr having three sections and providing two coats of red oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S.Base plate of suitable size welded at the bottom of the pole (as per IS) and 40mm dia Gl / flexible PVC pipe of Mtr. Length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 9 M pole /200x160x98 mm for remaining length of pole with front opeaning cover, with locking arrangements and suitable capacity MCB /DP switch. The pole shall be erected n cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713–7.I Erection of light duty pole on-foot path.a) 7.5 Mtr(4.5M Hb 114.3mm dia 4.05mm thick x 1.5M Hm 88.9mm dia 4.05mm thick x 1.5M Ht, 76.1mm dia 3.25mm thick) as per IS 410 SP 5 (Base plate of size 300x300x6mm). ELECTRICAL SR 2014-15,							
		Rate	19000.00					
					12.00	19000.00	nos	228000.00
4	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories. Single bracket 1.5 Mtr. Length (Item No.17.4.1)							
		Rate	2158.00					
					12.00	2158.00	nos	25896.00

Sl No	Description of work	No	Dimensions L	Dimensions B	Qty	Rate	Unit	Amount
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)
6	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cdlamps with necessary cable entry pipe with gland and box should be finished with 2 cdoats of red oxide primer paint and finally finished with approved colour enameled metal pain etc., complete. b)16 swg (ELECTRICAL SR 2014-15,PG NO 49 ITEM NO 6.40.2)							
		Rate	0.33					
					125000.00	0.33	Sqcm	41250.00
7	Supplying erceting testing and commissioning of voltage stabilizer suitable fot 170v to 270v input and losd variation from no load to full load with over load protection spike suppression operating at 0 c to 40 c range etc complete 4KVA elec sr pg no 88 item no 12.1.2ELECTRICAL SR 2014-15,							
		Rate	4661					
					12.00	4661.00	Each	55932.00
8	Supply and fixing of 3mtr CAT6 patch cables ELE SR pg 86 item no 11.11.3ELECTRICAL SR 2014-15,							
		Rate	337					
					12.00	337.00	Each	4044.00
	Miscellaneous & Rounding off:							1351122.00
	KRIDL Charges @ 11%							148623.00
	Miscellaneous & Rounding off:						L/S	255.00
					Total Rs:			1500000.00

TECHNICAL SANCTION
Accorded For Rs. Fifteen lakhs only
Head of A/C P-3298
Div. Ref. No. 40/18-19 Date 10/08/18
AE 10/08 EE(BTP) 10/08

Administrative Approval
Accorded For Rs fifteen lakhs only
Head of A/C P-3298
CER NO: AS/13/18-19 Dt: 10.08.18

TA CE (YNK)

CERTIFICATE

1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The estimate is based on CSR Ele of 2014-15

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub-Division
Bruhat Bengaluru Mahanagara Palike

Executive Engineer
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike
6/08